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PA 3/14/02  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Seung-Chan BANG, et al.

Serial No.: 09/584,189

Group Art Unit: 2749

Filed: May 31, 2000

Examiner: Not Yet Assigned

For: APPARATUS AND METHOD FOR MODULATING DATA MESSAGE BY  
EMPLOYING ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF) CODES  
IN MOBILE COMMUNICATION SYSTEM.

\* \* \* \* \*

PRELIMINARY AMENDMENT

Honorable Commissioner for Patents  
Washington, D.C. 20231

March 11, 2002

Sir:

Prior to initial examination, please amend the above-  
identified application as follows:

**RECEIVED**

MAR 12 2002

IN THE CLAIMS:

Technology Center 2600

Please cancel claims 1-82 and add new claims 83-140 as  
follows:

83. (New) An apparatus for converting source data to a  
channel-modulated signal having a plurality of pairs of in-phase  
(I) and quadrature-phase (Q) data in a mobile station, wherein  
the mobile station uses N number channels (N is an integer equal  
to or larger than two), the apparatus comprising:

channel coding means for encoding the source data to  
generate (N-1) number of data part and a control part;

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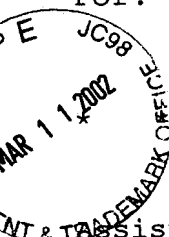
Serial No.: 09/584,189

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For: APPARATUS AND METHOD FOR MODULATING DATA MESSAGE BY EMPLOYING  
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COMMUNICATION SYSTEM.



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## TRANSMITTAL

Assistant Commissioner of Patents  
Washington, D.C. 20231

March 11, 2002

**RECEIVED**

MAR 12 2002

**Technology Center 2600**

Sir:

Transmitted herewith is a Preliminary Amendment.

The fee has been calculated as shown below:

Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	Small Entity Rate Addit. (or) Fee	Other Than A Small Entity Rate Addit. Fee
Total 58	- 82 =	0	x 09 = \$	x 18 = \$
Indep. 03	- 05 =	0	x 39 = \$	x 78 = \$
First Presentation of Multiple Dependent Claims			+130 = \$	+ 260 = \$
Total Additional Fee			\$	\$

A check in the amount of \_\_\_\_\_ is attached for:

**XXXX** If a Petition for Extension of Time is necessary and the Petition and/or the check is not enclosed, this will act as the Petition and applicant herewith petitions the Commissioner to extend the time for response and charge any fees necessary under 37 CFR 1.17 (a)(1)-(5) to Deposit Account No. 06-1358. The Commissioner is also authorized to charge payment of any other additional fees associated with this communication or credit any overpayment to Deposit Account No. 06-1358. A duplicate copy of this sheet is attached.

Respectfully submitted,

JACOBSON, PRICE, HOLMAN & STERN, PLLC

By: \_\_\_\_\_

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